

# Converting Colors

YUV(145.8610, 17.8165,  
25.5549)

Have a look what the booklet for  
YUV(145.8610, 17.8165, 25.5549)  
contains.

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# Color

**YUV(145.8610, 17.8165,  
25.5549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF7CB6
RGB	175, 124, 182
RGB Percent	69%, 49%, 71%
CMY	0.3137, 0.5137, 0.2863
CMYK	0.04, 0.32, 0.00, 0.29
HSL	293°, 28%, 60%
HSV	293°, 32%, 71%
XYZ	33.3303, 26.9067, 47.6928
YIQ	145.8610, 11.7780, 28.8500

# Conversions

## Conversions Part 2

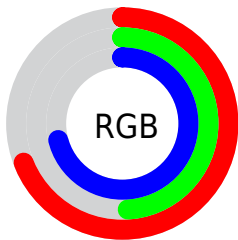
Format	Color
R <sub>Y</sub> B	175, 124, 182
Decimal	11500726
CIE Lab	58.89, 29.80, -22.77
CIE LCh	59, 37.503, 322.612
Yxy	26.9067, 0.3088, 0.2493
Android (android.graphics.Color)	4289690806 (0xFFAF7CB6)
YUV	145.8610, 17.8165, 25.5549
Hunter-Lab	51.8716, 23.9206, -18.2034

# Details

The YUV color **145.8610, 17.8165, 25.5549** is a light color, and the websafe version is hex **996699**. A complement of this color would be **160.1390, -17.8165, -25.5549**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1000, 18.6847, 27.0993**, and **94.6220, 16.9484, 24.0105** is the 20% darker color. If you saturate the color by 10%, you get **134.6970, 23.3204, 33.5917**, and if you desaturate by 10%, it is **157.0250, 12.3127, 17.5181**.

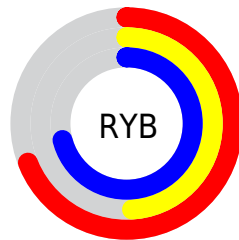
# Distribution



Red (69%)

Green (49%)

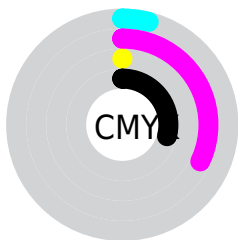
Blue (71%)



Red (69%)

Yellow (49%)

Blue (71%)

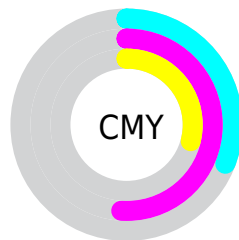


Cyan (4%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (51%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 145.8610, 17.8165, 25.5549 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 145.8610, 17.8165, 25.5549 by changing the saturation by 10% instead.





 145.8610, 17.8165,  
25.5549


 145.8610, 17.8165,  
25.5549


255.0000, 0.0000,  
0.0000

 120.0350, 17.2377,  
24.5253


 200.1000, 18.6847,  
27.0993


 94.6220, 16.9484,  
24.0105


 225.6500, 14.4696,  
25.7400

 69.9100, 16.8064,  
22.8809

 242.0860, 6.3666,  
11.3256

 46.0840, 16.2276,  
21.8513

 23.0840, 16.2276,  
21.8513

 12.6610, 11.0131,  
14.3293

 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 145.8610, 17.8165,  
25.5549

■ 145.8610, 17.8165,  
25.5549

■ 134.6970, 23.3204,  
33.5917

■ 157.0250, 12.3127,  
17.5181

■ 123.5330, 28.8242,  
41.6286

■ 168.1890, 6.8088,  
9.4812

■ 111.4830, 34.7649,  
49.5654

■ 180.2390, 0.8682,  
1.5444

■ 100.3190, 40.2687,  
57.6022

■ 191.4030, -4.6357,  
-6.4924

■ 89.1550, 45.7726,  
65.6391

■ 202.5670,  
-10.1395, -14.5293

77.9910, 51.2764,  
73.6759

213.7310,  
-15.6434, -22.5661

68.5880, 55.9121,  
80.1683

224.8950,  
-21.1472, -30.6029

228.1400,  
-22.7470, -30.8178

228.7380,  
-23.0418, -29.5882

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142.6270, 29.2709, -8.4429



145.8610, 17.8165, 25.5549



144.8070, 3.0531, 47.5273

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



145.8610, 17.8165, 25.5549



139.9130, -31.5091, 26.3863



112.2570, 26.4953, -98.4494

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



145.8610, 17.8165, 25.5549



160.1390, -17.8165, -25.5549

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



122.1460, 4.8580, -65.0260



145.8610, 17.8165, 25.5549



136.2580, -28.2282, 0.6507

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



145.8610, 17.8165, 25.5549



141.7550, -25.0222, 45.8189



131.9860, -15.7691, -28.9287



112.9870, 39.4464, -99.0896



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.8610, 17.8165, 25.5549



143.5060, -7.1515, 53.9302



131.9860, -15.7691, -28.9287



111.0030, 21.6905, -97.3496

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



145.8610, 17.8165, 25.5549



222.0150, 7.3876, 10.5108



135.3080, 23.0192, -9.9171



110.5970, 4.6357, 6.4924



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



145.8610, 17.8165, 25.5549



180.8810, 27.6667, 39.5694



145.5600, 7.6119, 31.9579



86.4180, 2.7519, 4.0184



58.7470, 47.9457, 68.6279



10.6670, 8.5452, 12.5700



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142.1400, -5.4920, 34.9572



175.1640, -8.4619, 54.2302



160.4400, -7.6119, -31.9579



85.8050, -0.8899, 5.4330



48.8100, -14.6963, 94.0056



8.7140, -2.8170, 16.9138



# Previews

## White Background



This preview shows how the YUV color 145.8610, 17.8165, 25.5549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

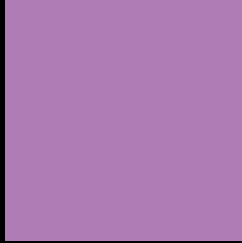
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.8610, 17.8165, 25.5549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

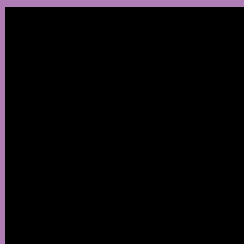
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 145.8610, 17.8165, 25.5549

## Background



This preview shows how black text looks on a background with the YUV color 145.8610, 17.8165, 25.5549.



This preview shows how white text looks on a background with the YUV color 145.8610, 17.8165, 25.5549.

25.5549.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

145.8610, 17.8165, 25.5549

### Protanopia

141.9700, 25.6508, -14.0057

### Deuteranopia

142.6630, 17.9141, -5.8435



## Tritanopia

144.2030, -1.0861, 21.7470

# Trichromacy



## Original Color

145.8610, 17.8165, 25.5549

## Protanomaly

143.3740, 22.9866, 0.5490

## Deuteranomaly

144.0280, 17.7342, 5.2374

## Tritanomaly

144.7500, 6.0393, 23.0212

# Monochromacy



## Original Color

145.8610, 17.8165, 25.5549

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.0750, 6.3720, 9.5812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.8610, 17.8165, 25.5549 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 124, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 124, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 124, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 124, 182) }
```

## Border

The CSS property to change the border of an element to YUV 145.8610, 17.8165, 25.5549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 124, 182) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 124, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 124, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 124, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 124, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 124,  
182) }
```

# Background

The CSS property to change the background color of an element to YUV 145.8610, 17.8165, 25.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 124, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
124, 182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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